

Instructions

Form E50 - VOC Solvent / Product Usage

Form E50 is applicable for any process using or producing **volatile organic compounds** (VOCs). Examples include printing, painting, coating and distilled spirit usage or manufacture and bulk handling operations for VOC materials. Some examples of materials which should be reported on this form include: paints, stains, coatings, solvents, VOC-containing diluents or thinners, inks, dyes, glues, petroleum-based fuels and distilled spirits.

Use a separate copy of the form for each type of product. If two colors, textures, etc. of the same product have no significant difference in VOC chemical content they may be reported as one. Report the amount of product used or manufactured for each month and the annual total. Be sure to indicate units of measure. Use as many copies of the form as necessary.

Used products and chemicals containing VOCs, that are stored in closed containers and shipped off site, should not be included in your emissions report. Similarly, unused materials received, but still appropriately stored in closed containers on site, should not be included. Report only that portion of that cannot be accounted for by material balance: beginning inventory and materials received during report period less ending inventory and the quantity of liquid material, waste, or surplus, shipped off site during the report period.

Plant ID: The APCD plant identification number should be found on your operating permit and the emissions inventory letter from APCD.

Emission Point/Process Identifier: The identifier in the plant's operating permit for this "emission point" (a piece of equipment, grouping of equipment, process or component of a process)

Process Description: Describe the process briefly. For example, reactor, oven, gasoline storage tank(s), loading rack, drum filling, etc. For applications where tanks are exclusively dedicated for loading rack usage only, then the process might be described as follows: tanks - loading rack. In the case of a storage tank, specify its type, such as internal floater, external floater, cone roof, etc.

Identify the product or raw material name on the appropriate line. Examples include vinyl chloride, toluene, latex paint, polyurethane varnish, topcoat, soy-based ink, premium gasoline, bourbon. If the type of operation is product storage, enter the Reid Vapor Pressure for the product, if it is known, at the bottom of the form; such as RVP 10.0.

Material Type: Select or type the general type of material being used, produced or stored in this process.

Type of Operation: Select or type "Product use", "Product manufacture" or "Product storage."

Quantity: In the first table, list the amount used (or produced) in each month of the reporting year. Specify the unit of measurement in the box at the bottom. For example, for distilled spirits, you should list the average number of barrels warehoused for each month. If spirits are processed, i.e., filtered, blended, bottled, or transferred to bulk transportation, list the monthly quantity of spirits passing through each process using a separate form for each emission point.

Chemical Composition: In the second table, enter the name of each component, constituent, or ingredient of the material. If your company uses purchased products, then this information should be available on the Material Safety Data Sheet (MSDS) from your supplier or manufacturer. Enter the Chemical Abstract Number (CAS) and also the percent by weight of each constituent. Non-VOC chemicals that are listed on Form E05 should also be listed here, if they are part of or used in the product. It is not necessary to list components of motor fuels such as gasoline, jet fuel, kerosene, etc.

Enter the density of the product or chemical, which may be referred to as a specific weight. If the density in pounds per gallon is not available, enter the specific gravity. Please indicate which units the density is in.

The "Page Identifier" box at the very bottom is a place where you can enter your own identifier for this copy of this form among other pages in your emissions inventory submittal.

Louisville Metro Air Pollution Control District

Form E50 - VOC Solvent / Product Usage

Plant ID:

Emission Year:

Plant Name:

Emission Unit:

Emission Point/Process ID:

Process Description:

Material Type:

Material/Product Name:

Type of Operation:

Quantity	
Month	Product Quantity*
JAN	
FEB	
MAR	
APR	
MAY	
JUN	
JUL	
AUG	
SEP	
OCT	
NOV	
DEC	
Total	0

Chemical Composition		
Constituent Name	CAS No.	% by Weight
		0.0%

*Units:

Material VOC Content: (% by Wt)

Material Density: ☐ lb/gal
☐ sp. gr.

For storage tanks > 250 gallons: Vapor Pressure:

Form Completed by:

E-Mail Address:

Page Identifier:

Material Type
Adhesive
Cleaning Agent
Coating
Chemical
Degreaser
Distilled Spirits
Ink
Lacquer
Paint
Solvent
Thinner